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Abstract

Retroviral vector production systems for producing lentivirus-based vector particles

which are capable of infecting and transducing non-dividing target cells, wherein one or

more of the auxiliary genes such as *vpr, vif, tat,* and *nef* in the case of HIV-1 are absent

from the system. The systems and resulting retrovirus vector particles have improved

safety over existing systems and vectors.